

New Words

1. environment
2. nutrients
3. eventually
4. eruption
5. elixir
6. vacuum
7. crucial
8. accumulated
9. fertilizers
10. decibels.

Define the following terms

1. **pollution** - addition of unwanted and harmful substances into natural environment that causes adverse change.
2. **pollutants** - pollutants are substances that make natural environment impure.
3. **pollen** - yellowish powder present in flowers.
4. **oil tankers** - large ships that carry oil.

Fill in the blanks

1. Due to the presence of pollutants, **plants** do not get enough nutrients.
2. **Smog** is the combination of smoke and fog.
3. Waterborne disease are used by drinking **polluted** water.

4. The intensity of sound is measured in **decibels**.
5. The cause of **pollution** can be human activities or natural factors.

Answer the following questions

Q 1. Name the various kinds of pollution.

Ans Various kinds of pollution are –

- a. air pollution
- b. water pollution
- c. land pollution
- d. noise pollution

Q 2. What is air pollution? How is it caused?

Ans The mixing of gases, dust, smoke and other particles in the air is called air pollution. It is caused by:-

- a. **Human Activities** - like smoke from factories, fumes emitted from vehicles, burning of garbage, wood or plastic and bursting of fire crackers.
- b. **Natural Causes** - like sandstorms, volcanic eruptions, forest fire and pollen from plants and flowers.

Q 3. Define water pollution. Which activities pollute the water?

Ans When harmful substances are discharged into water bodies they cause water pollution. The activities that pollute water are:-

- a. **Human Activities** - like dumping chemical waste from factories and household waste in water bodies, bathing and washing clothes in rivers and lakes and leakage from oil tankers.
- b. **Natural Factors** - like storms which often cause soil and other particles to dissolve in water.

Q 4. Write a short note on land pollution.

Ans- a. Land or soil gets polluted when harmful substances are released into it and they get accumulated.

b. Pollution makes soil infertile. It also harms the organism living in the soil.

The following factors cause the land pollution:-

- * throwing household waste in open.
- * using harmful chemical fertilizers in the fields.

* dumping of industrial wastes and refuse from mines.

Q 5. Mention some causes of noise pollution. How is noise pollution harmful? **Ans**

Some causes of noise pollution are as follows:-

- a. listening to loud music.
- b. watching TV on a high volume.
- c. use of loud speakers.
- d. bursting of fire crackers.
- e. honking of vehicles.
- f. noise created by home appliances like - vacuum cleaner, mixer and grinder etc.

Noise pollution causes loss of ability to hear or deafness, stress, irritation and sleep disturbances.